

Appln. No. 09/991,090
Amendment dated October 5, 2007
Reply to Office Action mailed June 21, 2007

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims (deleted text being struck through and added text being underlined):

1. (Currently Amended) An apparatus, comprising:
 - means for establishing communications between a first network and a second network in proximity to the first network;
 - means for predicting a time period during which communications between the first network and the second network can be made;
 - means for transferring information between the first network and the second network so that said transferring means completes the information transfer within the time period; and
 - means for determining whether a remaining time period exists subsequent to, the remaining time period being a period between completion of the information transfer by said transferring means completing the information transfer within and an end of the time period and,
 - means for selecting, if the remaining time period exists, an additional information transfer of a size capable of being transferred during the remaining time period;
 - wherein said transferring means ~~executing an~~ executes the additional information transfer that can be completed within the remaining time period,
 - wherein said predicting means ~~predicting~~ predicts the time period based on both of the following: data rate and file priority.
2. (Canceled)
3. (Original) An apparatus as claimed in claim 1, the first network comprising at least one of the following structures: a home network, a local area network, a wide area network, a vehicle area network, a personal area network, a fabric area network, and a world wide network.

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4. (Original) An apparatus as claimed in claim 1, the second network comprising at least one of the following structures: a home network, a local area network, a wide area network, a vehicle area network, a personal area network, a fabric area network, and a world wide network.

5. through 6. (Canceled)

7. (Currently Amended) An apparatus, comprising:
a local area network having at least one device communicatively coupled on said local area network;
means for establishing communications with a vehicle area network having at least one device communicatively coupled in the vehicle area network;
means for predicting a time period during which communications between said local area network and the vehicle area network can be made;
means for transferring information between said local area network and the vehicle area network so that said transferring means completes the information transfer within the time period; and
means for determining whether a remaining time period exists subsequent to, the remaining time period being a period between completion of the information transfer by said transferring means completing the information transfer within and an end of the time period and, when a,
means for selecting, if the remaining time period exists, an additional information transfer of a size capable of being transferred during the remaining time period;
wherein said transferring means ~~executing an~~ executes the additional information transfer that can be completed within the remaining time period,
said predicting means predicting the time period based on the following: file size, data rate and user preference.

8. (Canceled)

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9. (Canceled)

10. (Canceled)

11. (Currently Amended) A method, comprising:
establishing communications between a first network and a second network in proximity to the first network;
predicting a time period during which communications between the first network and the second network can be made;
transferring information between the first network and the second network so that said transferring means completes the information transfer within the time period; and
determining whether a remaining time period exists ~~subsequent to, the remaining time period being a period between~~ completion of said transferring step ~~within and an end of~~ the time period [[[.]]] ; and
if a remaining time period exists, selecting an additional information transfer of a size capable of being transferred during the remaining time period; and
again executing said transferring step with ~~an~~ the additional information transfer to be completed within the remaining time period [[[.]]]
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wherein the transferring of the additional information is based on data rate, and on prioritization based on file importance and file size.

12. (Canceled)

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13. (Currently Amended) A method, comprising:

- establishing communications between a local area network and a vehicle area network when the vehicle area network enters a communication range of the local area network;
- determining a status of the vehicle and communicating the status of the vehicle to the local area network;
- predicting a time period during which the vehicle area network will remain within communication range of the local area network so that communications may occur, said predicting step being based at least in part on the vehicle status determined in said determining step;
- selecting an appropriate file capable of being transferred within the time period predicted in said predicting step;
- transferring the file between the local area network and the vehicle area network during the time period; and
- additionally determining whether a remaining time period exists subsequent to, the remaining time period being a period between execution of said transferring step within and an end of the time period [[[.]]] ; and
if a remaining time period exists, selecting an additional file of a size capable of being transferred during the remaining time period; and
additionally executing said transferring step for ~~an~~ the additional file capable of being transferred within the remaining time period [[[.]]] ;
wherein the selecting of said ~~appropriate~~ additional file being based at least in part on a priority determination for prioritizing files based on a personal profile of at least one user so that a file having the highest priority is transferred during the first mentioned time period and a file having the second highest priority is transferred during the remaining time period, said priority determination for prioritizing files being based on both file importance and file size.

14. (Canceled)

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15. (Previously Presented) A method as claimed in claim 13, said vehicle status determining step including obtaining at least one of the following: engine status, passenger status, door status, trunk status, hood status, and fuel cap status.

16. (Previously Presented) A method as claimed in claim 13, said time period predicting step being based on at least one of the following: engine status, passenger status, door status, trunk status, hood status, and fuel cap status.

17. (Canceled)

18. (Original) A method as claimed in claim 13, the local area network comprising at least one of the following structures: a home network, a wide area network, a vehicle area network, a personal area network, a fabric area network, and a world wide network.

19. (Original) A method as claimed in claim 13, the vehicle area network comprising at least one of the following structures: a home network, a wide area network, a personal area network, a fabric area network, and a world wide network.

20. (Previously presented) A method as claimed in claim 13, the local area network comprising at least one of the following structures: a gas station, a truck stop; a residence, a business establishment, a restaurant, a rest area, a tourist shop, a rental car facility, a warehouse, a theater, a service station, a parking lot, a parking garage, an event stadium, and a shopping mall.

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21. (Previously Presented) An apparatus, comprising:

means for establishing communications between a first network and a second network in proximity to the first network;

means for determining an amount of data to be transferred between the first network and the second network, the amount being based at least in part on a personal profile of at least one user of at least one of the first network and the second network; and

means for transferring information between the first network and the second network based at least in part on the personal profile of at the least one user, said means for transferring the information transfers the information based at least in part on a priority determination for information transfer determined by said determining means from the personal profile of the at least one user so that information having the highest priority is transferred first,

wherein the personal profile is of at least two users and wherein said means for transferring information transfers information based at least in part on a priority of a first one of the at least two users relative to another one of the at least two users determined by said determining means from the personal profiles of the first one and the another one of the at least two users, the personal profile of the at least two users including a schedule of the at least two users, and said priority determination being made on data rate, file size and file importance.

22. (Canceled)

23. (Canceled)

24. (Canceled)